



Utilities Division
1500 SW Arrowhead Road
Topeka, KS 66604-4027

20191014091324
Filed Date: 10/14/2019
State Corporation Commission
of Kansas

Phone: 785-271-3220
Fax: 785-271-3357
<http://kcc.ks.gov/>

Dwight D. Keen, Chair
Shari Feist Albrecht, Commissioner
Susan K. Duffy, Commissioner

Laura Kelly, Governor

October 11, 2019

Matthew Magill
FreeState Electric Cooperative, Inc.
1100 SW Auburn Road
Topeka, KS 66615

Dear Mr. Magill:

Your EL No. 39651 has been reviewed and approved. Enclosed is a copy of the location map bearing the approval notation and the date of approval.

Jason W. Kerr
Electric Utility Engineer Technician

JWK:bms
Enc.

Kansas Corporation Commission

SEP 23 2019

Utilities Division

39651

39651



September 12, 2019

Kansas Corporation Commission
Utilities Division
1500 Arrowhead Road
Topeka, Kansas 66604-4027

Re: 201905622

We are submitting our application of plans and specifications as per Docket 1944, regarding service to new house for Joe Sessel. This is located in Shawnee County, Township 10S, Range 15E.

If there are any questions regarding this build, feel free to contact me.

Respectfully,

FREESTATE ELECTRIC COOPERATIVE, INC.

Matt Magill
Engineering Manager

MM/KW

East District Office
507 N. Union
McLouth, KS 66054

West District Office
1100 SW Auburn Rd.
Topeka, KS 66615

1-800-794-1989
www.freestate.coop
customerservice@freestate.coop

FORM "EL"

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

IN THE MATTER OF THE APPLICATION OF

FreeState Electric Cooperative, Inc.
APPLICANT

"EL" NO. 39651
ASSIGNED BY COMMISSION

FOR APPROVAL OF OPERATING CHARACTERISTICS, PHYSICAL PROPERTIES AND
LOCATION OF PROPOSED ELECTRIC SUPPLY LINE CONSTRUCTION

Shawnee County, Township 10S, Range 15E
(HERE DESCRIBES THE LOCATION VERY BRIEFLY)

201905622
(APPLICANT'S IDENTIFICATION NO.)

APPLICATION

COME NOW FreeState Electric Cooperative, Inc.
(APPLICANT)

OF Topeka, Kansas, A Cooperative
(CITY, STATE) (CORPORATION, PARTNERSHIP, INDIVIDUAL OR MUNICIPALITY)

REQUESTING THE COMMISSION TO APPROVE THE OPERATING CHARACTERISTICS, PHYSICAL
PROPERTIES AND LOCATION OF A PROPOSED ELECTRIC LINE, OR CHANGE IN ELECTRIC LINE
CONSTRUCTION, LOCATION OUTSIDE THE CORPORATE LIMITS OF ANY CITY, AS SHOWN IN THE
ACCOMPANYING MAP AND AS HEREINAFTER MORE FULLY DESCRIBED.

THE OPERATING CHARACTERISTICS OF THIS LINE ARE TO BE:

ELECTRIC 7200, VOLTS 1, PHASE 60, HERTZ, DESIGN LOAD 10 KILOWATTS

PROVIDE CONNECTION (E.G., GROUNDED WYE), PHASE-TO-PHASE VOLTAGE, NUMBER OF CONDUCTORS, AND POINTS OF GROUNDING

THE DESCRIPTION OF THE LOCATION AND POINTS BETWEEN WHICH SAID PROPOSED LINE
IS TO BE INSTALLED AND OPERATED ARE AS FOLLOWS

Build new service to house for Joe Sessel

PHYSICAL PROPERTIES OF LINE

STRUCTURES, KIND SWP HEIGHT (FT) 35 CLASS 4 CONDUCTOR TYPE ACSR SIZE 1/0
*SEE NOTE BELOW (e.g., ACSR)
AVERAGE SPAN 153 FEET, HAS CLEARANCE BEEN PROVIDED FOR OTHER UTILITIES-- YES XX NO _____

COST ESTIMATE \$6,427.70

NUMBER AND TYPE OF CUSTOMERS One Domestic Customer

*NOTE

PLEASE USE THE FOLLOWING ABBREVIATIONS FOR PREDOMINANT STRUCTURE KIND:
SPW - SINGLE POLE, WOOD SPF - SINGLE POLE, FIBERGLASS
SPS - SINGLE POLE, STEEL HPF - H-FRAME, WOOD
SPC - SINGLE POLE, CONCRETE HFS - H-FRAME, STEEL

TS - TOWER, STEEL
0 - OTHER (PLEASE EXPLAIN)
NA - NOT APPLICABLE

FOLLOWING IS A CORRECT LIST OF ALL THE UTILITIES WITHIN 1/2 MILE OF PROPOSED LINE. ABSENT A JOINT USE OR OTHER AGREEMENT, ALL UTILITIES LISTED BELOW SHALL BE NOTIFIED IN WRITING AS PROVIDED IN K.A.R. 82-12-5, AND A COPY OF THE NOTICE SHALL BE ATTACHED. PLEASE INDICATE THOSE UTILITIES LISTED FOR WHICH A JOINT USE OR OTHER AGREEMENT HAS BEEN MADE WITH AN ASTERISK (*)

NAME	ADDRESS
AT&T	220 SE 6 TH AVE ROOM 360
PAM GURNEY	TOPEKA, KS 66603
COX COMMUNICATIONS	931 SW HENDERSON RD
ATTN: LYNDON HENRY	TOPEKA, KS 66615
JACKSON COUNTY RWD #1	PO BOX 15
	HOYT, KS 66440
WESTAR ENERGY – TOPEKA OPERATIONS CENTER	4001 NW 14 TH ST
JEREMY LANE – MANAGER, DESIGN AND PLANNING	TOPEKA, KS 66618

IS THIS LINE WITHIN THE APPLICANT'S CERTIFICATION AREA -- YES XX NO _____

APPLICANT FURTHER SHOWS TO THE COMMISSION THAT THE CONSTRUCTION OF SAID PROPOSED LINE SHALL BE THROUGHOUT IN ACCORDANCE WITH THE KANSAS ADMINISTRATIVE REGULATIONS, ARTICLE 12, 82-12-1 TO 82-12-9, INCLUSIVE, ADOPTED PURSUANT TO K.S.A. 1982 SUPP. 77-415 ET SEQ., EXCEPT APPLICANT FURTHER STATES THAT:

- WHEREVER THE PROPOSED LINE IS TO BE LOCATED IN PRIVATE RIGHT-OF-WAY, THE LANDOWNER'S LAWFUL CONSENT WILL BE OBTAINED;
- "INDUCTIVE COORDINATION" HAS BEEN OR WILL BE COMPLIED WITH AS RELATED SPECIFICALLY IN K.A.R. 82-12-9,
- ALL UTILITIES AND RAILROADS LISTED ABOVE HAVE BEEN NOTIFIED IN WRITING AS PROVIDED IN K.A.R. 82-12-5 (A COPY OF WHICH IS ATTACHED), AND THAT SUCH NOTICE CONTAINS THE STATEMENT THAT "IF THERE IS ANY OBJECTION TO THE APPLICANT'S PROPOSED LINE CONSTRUCTION, SUCH OBJECTION SHALL BE FORWARDED TO THE STATE CORPORATION COMMISSION WITHIN THE TIME SPECIFIED IN K.A.R. 82-12-5 FROM DATE OF NOTICE".

WHEREUPON, APPLICANT REQUESTS THAT THE STATE CORPORATION COMMISSION APPROVE THE OPERATING CHARACTERISTICS, PHYSICAL PROPERTIES AND LOCATION OF THE SAID PROPOSED LINE, AS HEREINBEFORE DESCRIBED.

DATED AT TOPEKA, KANSAS, THIS 12TH DAY OF SEPTEMBER, 2019

FreeState Electric Cooperative, Inc. (APPLICANT)

Matt Magill 
Engineering Manager (Signature and Title of Officer)

*APPLICANT'S IDENTIFICATION OF APPLICATION AND RELATED PAPERS.
INSTRUCTIONS.

SUBMIT 1 COPY OF APPLICATION
2 COPIES OF MAPS (SCALE NOT LESS THAN 1 INCH PER MILE)
COPIES OF ALL NOTICES TO OTHER UTILITIES
COST BREAKDOWN OF "COST ESTIMATE" BY UNITS OF PROPERTY

ON MAPS, PLEASE PROVIDE LOCATIONS OF EXISTING APPLICANT-OWNED LINES IN SUFFICIENT DETAIL TO DETERMINE RELATIVE LOCATION(S) OF PROPOSED LINE(S)

FOR OFFICIAL USE ONLY
PLOTTED JK 10-09-19
CHECKED BY
DATED APPROVED October 9, 2019

List all public utilities (electric, pipe, railroads, & other facilities) within ½ mile of proposed line

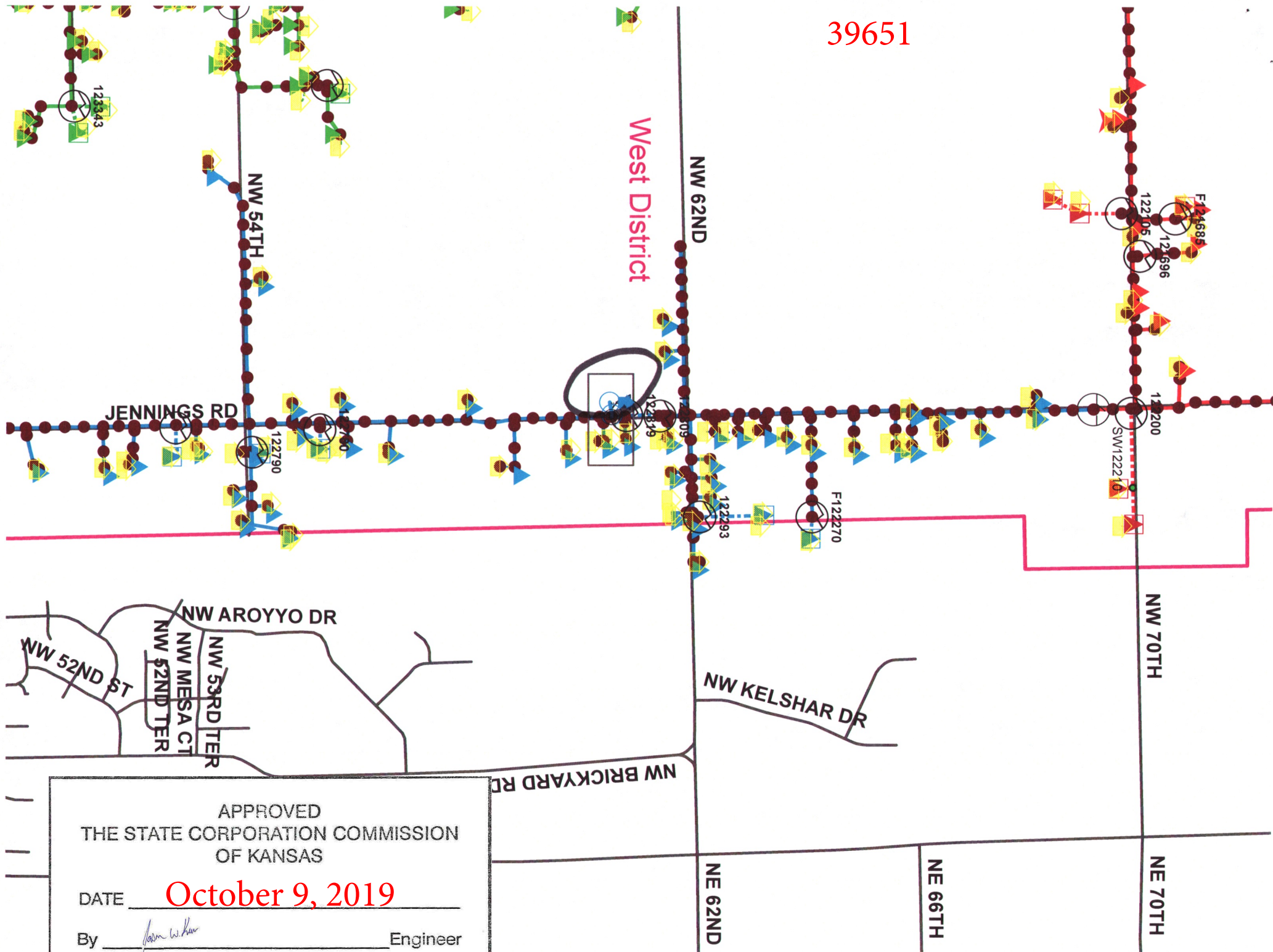
[illegible]

Notes:

NEW 25KV LOAD TO NEW HOME. UTILITIES-FEC, WESTAR, AT&T, COX, JACKSON RWD#1

EL App.	Dist: FEC-WEST	Title: FREESTATE ELECTRIC COOP, INC Sheet No. _____ Appl No. L _ _ _ _
	City: TOPEKA	
	County: SHAWNEE	
	State: KS	
	Section: 28 Twn: 10 Rng: 15	
	Scale 1"=2000	
	Date 9/11/19 Dwn by: LG	
	WR# 201905622	

39651



FREESTATE ELECTRIC COOPERATIVE

Revision 97575

09/11/2019 3 14 40 pm

WORK ORDER ESTIMATE SUMMARY

Page 1

Work Order 201905622

Revision: 0

Desc NEW O H SERVICE TO NEW HOME

Type New Construction

Status Open

Open Date 06/26/2019

Staked By LOREN GOSS

Rel By

Rel Date

Project

Map Location 12282097

Service Location 78000760

Customer JOE SESSEL

Tran Type: Construction

Assembly Unit Description	Rate Group	Qty/ Labor Hrs	Total Hours	Fixed Amount	Material Cost	Overhead	Labor Cost	Overhead	Total Cost
35-4		2 000							
POLE 35-4	1 - CURRENT LINEMAN	3 5000	7 0000	0 00	429 65	81 07	257 46	373 32	1,141 50
A5 1		2 000							
SINGLE DEADEND	1 - CURRENT LINEMAN	1 7500	3 5000	0 00	68 12	12 85	128 73	186 66	396 36
Design Codes Pole: 4 Wire: 1									
A6 2		1 000							
DOUBLE DEADEND (FEED THROUGH)	1 - CURRENT LINEMAN	2 0000	2 0000	0 00	105 01	19 82	73 56	106 66	305 05
Design Codes Pole: 4 Wire: 1									
ACSR 1/0		365 000							
ACSR 1/0 PER FT INSTALLED	1 - CURRENT LINEMAN	0 0050	1 8250	0 00	100 96	19 05	67 12	97 32	284 45
E1 1		2 000							
SINGLE DOWN GUY 3/8	1 - CURRENT LINEMAN	1 0000	2 0000	0 00	49 48	9 33	73 56	106 66	239 03
Design Codes Pole: 4									
F2 12		2 000							
SCREW ANCHORS (POWER INSTALLE	1 - CURRENT LINEMAN	2 0000	4 0000	0 00	161 20	30 42	147 12	213 32	552 06
G1 6.25		1 000							
25KVA CONVENTIONAL TRANSFORM	1 - CURRENT LINEMAN	3 0000	3 0000	0 00	1,051 12	198 34	110 34	159 99	1,519 79
Design Codes Pole: 4									
H1 1		1 000							
GROUND ASSEMBLY-GROUND ROD	1 - CURRENT LINEMAN	1 0000	1 0000	0 00	12 14	2 29	36 78	53 33	104 54
H5 1		1 000							
GROUND ASSEMBLY, PLATE	1 - CURRENT LINEMAN	0 5000	0 5000	0 00	5 05	0 95	18 39	26 67	51 06
Q2 320 3W/BRK		1 000							
METER LOOP 320 AMP W/ 2-200A BRK	1 - CURRENT LINEMAN	2 7500	2 7500	0 00	1,089 14	205 52	101 15	146 67	1,542 48
Q200 SD		1 000							
METER SINGLE PHASE AXR-SD/2S/DIS	1 - CURRENT LINEMAN	1 0000	1 0000	0 00	169 32	31 95	36 78	53 33	291 38
Total For Construction Assembly Units:			28 5750	0 00	3,241 19	611 59	1,050 99	1,523 93	6,427 70
Total For Work Order 201905622:			28 5750	0 00	3,241 19	611 59	1,050 99	1,523 93	6,427 70

*I - Inventory / *E - Exempt Inventory / *N - Noninventory assigned through Work Order > Work Order > Assign Item and/or SAG Factor calculated on Assembly Unit(s) These contain item costs only

18010

/pro/rpttemplate/acct/2 45 1/wo/WO ESTIMATE SUMMARY.xml.rpt

loren.goss

39651



September 12, 2019

AT&T
Pam Gurney
220 SE 6TH Ave Room 360
Topeka, KS 66603

As of the date above, we are filing an EL Application with the Kansas Corporation Commission in accordance with permanent administration regulations, Article 8, 82-100 to 82-8-107 inclusive.

The sketch enclosed indicates our proposed facilities. Should there be any questions regarding our proposed facilities, we will be pleased to discuss them with you.

Kindly notify the Kansas Corporation Commission in Topeka, as well as FreeState Electric Cooperative, Inc., of any objections you may have regarding this application within the allowed time as specified in Docket 1944.

Respectfully,

FREESTATE ELECTRIC COOPERATIVE, INC.

Matt Magill
Engineering Manager

MM/KW

Enclosure



September 12, 2019

Cox Communications
Attn: Lyndon Henry
931 SW Henderson Rd
Topeka, KS 66615

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FREESTATE ELECTRIC COOPERATIVE, INC.

Matt Magill
Engineering Manager

MM/KW

Enclosure

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September 12, 2019

Jackson County RWD #1
PO Box 15
Hoyt, KS 66440

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FREESTATE ELECTRIC COOPERATIVE, INC.

A handwritten signature in black ink, appearing to read "Matt Magill", is written over the printed name.

Matt Magill
Engineering Manager

MM/KW

Enclosure

39651



September 12, 2019

Westar Energy - Topeka Operations Center
Jeremy Lane
Manager, Design and Planning
4001 NW 14th Street
Topeka, KS 66618

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Engineering Manager

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